

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Kazuhiko OHRAI et al.

Group Art Unit: 1752

Application No.: 10/590,975

Filed: October 27, 2006

Docket No.: 129259

For: TRICYCLIC BENZOPYRANE COMPOUND AS ANTI-ARRHYTHMIC AGENTS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of one or more non-English language reference is discussed in the present specification. See Reference 21.
- ☒ 3. One or more reference cited herein was cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information. See References 1 - 5, 15 - 20 and 22.
- ☒ 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 5. An English language Abstract of one or more non-English language reference is attached hereto. See References 6, 8, and 19.

Receipt date: 12/21/2006

Application No. 10/590,975

- ☒ 6. Reference 1 corresponds to reference 15.  
Reference 2 corresponds to reference 16.  
Reference 3 corresponds to reference 17.  
Reference 4 corresponds to reference 18.  
Reference 5 corresponds to reference 20.

Respectfully submitted,



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Date: December 21, 2006

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Sheet 1 of 2

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 129259		APPLICATION NO. 10/590,975	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Kazuhiko OHRAI et al.			
				FILING DATE October 27, 2006		GROUP 1752	
U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Name			
	1	5,919,806	07/06/1999	SETO et al.			
	2	5,164,509	11/17/1992	ATWAL			
	3	4,900,752	02/13/1990	SETO et al.			
	4	5,319,089	07/07/1994	MATSUMOTO et al.			
	5	5,843,989	12/01/1998	VONG et al.			
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation	
	6	WO 99/62867 A1	12/09/1999	WIPO	X		
	7	WO 00/12492 A1	03/09/2000	WIPO			
	8	WO 00/58300 A1	10/05/2000	WIPO	X		
	9	WO 01/21610 A1	03/29/2001	WIPO			
	10	WO 01/21609 A1	03/29/2001	WIPO			
	11	WO 01/25224 A1	04/12/2001	WIPO			
	12	WO 02/064581 A1	08/22/2002	WIPO			
	13	WO 03/000675 A1	01/03/2003	WIPO			
	14	WO 03/014113 A1	02/20/2003	WIPO			
OTHER DOCUMENTS							
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)					
EXAMINER				DATE CONSIDERED			
/Taofiq Solola/				03/25/2009			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.S./

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Sheet 2 of 2

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 129259		APPLICATION NO. 10/590,975	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation	
	15	EP 0 693 283 A1	01/24/1996	EUROPE			
	16	EP 0 488 107 A2	06/03/1992	EUROPE			
	17	EP 0 327 127 A1	08/09/1989	EUROPE			
	18	EP 0 409 165 A2	01/23/1991	EUROPE			
	19	JP A 2-4791	01/09/1990	JAPAN	X		
	20	WO 95/34547 A1	12/21/1995	WIPO			
	21	JP A 58-67683	04/22/1983	JAPAN			
OTHER DOCUMENTS							
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)					
	22	Chan, Wai N. et al. "Conformational Preference of the 6-acetyl Group in Novel Anticonvulsant <i>trans</i> 4s-benzamido-benzo[b]pyran-3r-ols," <i>Bioorganic &amp; Medicinal Chemistry Letters</i> , Vol. 7, No. 12, pp. 1573 - 1576, 1997.					
EXAMINER				DATE CONSIDERED			
/Taofiq Solola/				03/25/2009			
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